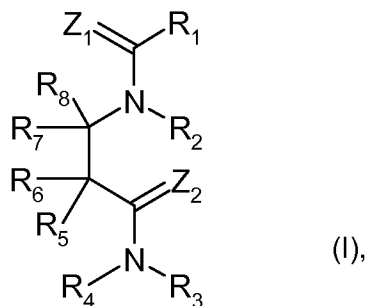


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Withdrawn) A compound of the formula



in which

Z_1 is an oxygen atom; or a sulfur atom;

Z_2 is an oxygen atom; or a sulfur atom;

R_1 is a phenyl or naphthyl group, which is substituted independently by 1 or 2 substituents R_a and optionally further substituted independently by 1 to 3 substituents R_b ; or

R_1 is heteroaryl composed of a ring having 5 or 6 ring members or of a combination of at least two rings having in each case independently of one another 5 or 6 ring members, where 1 up to and including 4 of the ring members is (are) (a) heteroatom(s) selected from the group consisting of nitrogen, oxygen and sulfur, which heteroaryl is unsubstituted or substituted independently by 1 to 4 substituents R_c ;

R_2 is hydrogen; a C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl or C_3 - C_6 cycloalkyl group, which group is unsubstituted or substituted independently by one or more substituents, selected from the group, consisting of the substituents R_a ; a group $C(=O)R_d$; or a group $C(=S)R_d$;

R_3 is hydrogen; a C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl or C_3 - C_6 cycloalkyl group, which group is unsubstituted or substituted independently by one or more substituents, selected from the group, consisting of the substituents R_a ; C_1 - C_6 alkoxy; halo- C_1 - C_6 alkoxy; C_3 - C_6 cycloalkoxy; C_1 - C_6 alkylthio; halo- C_1 - C_6 alkylthio; C_1 - C_6 alkylamino; halo- C_1 - C_6 alkylamino; di- C_1 - C_6 alkylamino, in which the two alkyl groups are the same or different or, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 12 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group,

consisting of cyano, nitro, halogen, C₁-C₄alkyl and C₁-C₄alkoxy; di-(halo-C₁-C₆alkyl)-amino, in which the two haloalkyl groups are the same or different; C₃-C₆cycloalkylamino; N-(C₁-C₆alkyl)-N-(C₃-C₆cycloalkyl)-amino; C₁-C₆alkoxycarbonyl; halo-C₁-C₆alkoxycarbonyl; C₁-C₆alkylcarbonyl or halo-C₁-C₆alkylcarbonyl;

R₄ is hydrogen; a substituent R₁; a substituent R₆; a C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl or C₃-C₆cycloalkyl group, which group is unsubstituted or substituted independently by one or more substituents, selected from the group, consisting of the substituents R_a, the substituents R_e and a phenyl, benzoyl, phenoxy or heteroaryl group composed of a ring having 5 or 6 ring members or of a combination of at least two rings having in each case independently of one another 5 or 6 ring members, where 1 up to and including 4 of the ring members is (are) (a) heteroatom(s) selected from the group consisting of nitrogen, oxygen and sulfur, which group is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of the substituents R_c; a group CH₂OR₁; a group CH₂SR₁; a group CH₂NHR₁, which group is optionally further substituted at the nitrogen atom by C₁-C₆alkyl or halo-C₁-C₆alkyl; C₁-C₆alkoxy; halo-C₁-C₆alkoxy; C₃-C₆cycloalkoxy; a group OR₁; C₁-C₆alkylthio; halo-C₁-C₆alkylthio; a group SR₁; C₁-C₆alkylsulfinyl; halo-C₁-C₆alkylsulfinyl; C₁-C₆alkylsulfonyl; halo-C₁-C₆alkylsulfonyl; C₁-C₆alkylamino; halo-C₁-C₆alkylamino; di-C₁-C₆alkylamino, in which the two alkyl groups are the same or different or, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 12 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C₁-C₄alkyl and C₁-C₄alkoxy; di-(halo-C₁-C₆alkyl)-amino, in which the two haloalkyl groups are the same or different; C₃-C₆cycloalkylamino; N-(C₁-C₆alkyl)-N-(C₃-C₆cycloalkyl)-amino; a group NHR₁, which group is optionally further substituted at the nitrogen atom by C₁-C₆alkyl or halo-C₁-C₆alkyl; a group C(=O)R_d; a group C(=O)R_e; a group C(=S)R_d; or a group C(=S)R_e;

or R₃ and R₄, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 6 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C₁-C₄alkyl and C₁-C₄alkoxy;

R_a is cyano; nitro; halogen; C₁-C₆alkyl; halo-C₁-C₆alkyl; C₁-C₆alkoxy-C₁-C₆alkyl; C₂-C₆alkenyl; halo-C₂-C₆alkenyl; C₂-C₆alkynyl; halo-C₂-C₆alkynyl; C₃-C₆cycloalkyl; halo-C₃-C₆cycloalkyl; hydroxy; C₁-C₆alkoxy; halo-C₁-C₆alkoxy; C₃-C₆cycloalkoxy; mercapto; C₁-C₆alkylthio; halo-C₁-C₆alkylthio; C₁-C₆alkylsulfinyl; halo-C₁-C₆alkylsulfinyl; C₁-C₆alkylsulfonyl; halo-C₁-C₆alkylsulfonyl; amino; C₁-C₆alkylamino; halo-C₁-C₆alkylamino; di-C₁-C₆alkylamino, in which the two alkyl groups are the same or different or, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 12 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C₁-C₄alkyl and C₁-C₄alkoxy; di-(halo-C₁-C₆alkyl)-amino, in which the two haloalkyl groups are the same or different; C₃-C₆cycloalkylamino; N-(C₁-C₆alkyl)-N-(C₃-C₆cycloalkyl)-amino; carboxy; C₁-C₆alkoxycarbonyl; halo-C₁-C₆alkoxycarbonyl; aminocarbonyl; C₁-C₆alkylaminocarbonyl; halo-C₁-C₆alkylaminocarbonyl; di-C₁-C₆alkylaminocarbonyl, in which the two alkyl groups are the same or different or, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 12 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C₁-C₄alkyl and C₁-C₄alkoxy; di-(halo-C₁-C₆alkyl)-aminocarbonyl, in which the two haloalkyl groups are the same or different; C₁-C₆alkylcarbonyl; halo-C₁-C₆alkylcarbonyl; or tri-C₁-C₆alkylsilyl, in which the three alkyl groups are the same or different;

or 2 substituents R_a, which are attached to adjacent carbon atoms, taken together, are -(CH₂)₃; -(CH₂)₄; -(CH₂)₅; -(CH=CH)₂; -OCH₂O-; -O-(CH₂)₂O-; -OCF₂O-; -(CF₂)₂O-; -O-(CF₂)₂; or -O-(CF₂)₂O-;

R_b is halogen; C₁-C₆alkyl; C₂-C₆alkenyl; C₂-C₆alkynyl; C₃-C₆cycloalkyl; C₁-C₆alkoxy; C₁-C₆alkoxycarbonyl; or a phenyl, benzyl, phenoxy or heteroaryl group composed of a ring having 5 or 6 ring members or of a combination of at least two rings having in each case independently of one another 5 or 6 ring members, where 1 up to and including 4 of the ring members is (are) (a) heteroatom(s) selected from the group consisting of nitrogen, oxygen and sulfur,

which group is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of the substituents R_a;

R_c is a substituent R_a ; or a phenyl, benzyl, benzoyl, phenoxy or heteroaryl group composed of a ring having 5 or 6 ring members or of a combination of at least two rings having in each case independently of one another 5 or 6 ring members, where 1 up to and including 4 of the ring members is (are) (a) heteroatom(s) selected from the group consisting of nitrogen, oxygen and sulfur, which group is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of the substituents R_a ;

R_d is a substituent R_1 ; C_1 - C_6 alkyl; halo- C_1 - C_6 alkyl; C_1 - C_6 alkoxy- C_1 - C_6 alkyl; a group CH_2R_1 ; a group CH_2OR_1 ; a group CH_2SR_1 ; a group CH_2NHR_1 , which group is optionally further substituted at the nitrogen atom by C_1 - C_6 alkyl or halo- C_1 - C_6 alkyl; C_2 - C_6 alkenyl; halo- C_2 - C_6 alkenyl; C_2 - C_6 alkynyl; halo- C_2 - C_6 alkynyl; C_3 - C_6 cycloalkyl; halo- C_3 - C_6 cycloalkyl; C_1 - C_6 alkoxy; halo- C_1 - C_6 alkoxy; C_3 - C_6 cycloalkoxy; a group OR_1 ; C_1 - C_6 alkylthio; halo- C_1 - C_6 alkylthio; a group SR_1 ; C_1 - C_6 alkylamino; halo- C_1 - C_6 alkylamino; di- C_1 - C_6 alkylamino, in which the two alkyl groups are the same or different or, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 12 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C_1 - C_4 alkyl and C_1 - C_4 alkoxy; di-(halo- C_1 - C_6 alkyl)-amino, in which the two haloalkyl groups are the same or different; C_3 - C_6 cycloalkylamino; N-(C_1 - C_6 alkyl)-N-(C_3 - C_6 cycloalkyl)-amino; or a group NHR_1 , which group is optionally further substituted at the nitrogen atom by C_1 - C_6 alkyl or halo- C_1 - C_6 alkyl;

R_e is a carbocyclyl or heterocyclyl group, which group is monocyclic or bicyclic and is non-aromatic, in which group 1 or 2 of the ring members are optionally selected from the group, consisting of the groups $C(=O)$, $S(=O)$ and $S(=O)_2$, and which group is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C_1 - C_4 alkyl and C_1 - C_4 alkoxy;

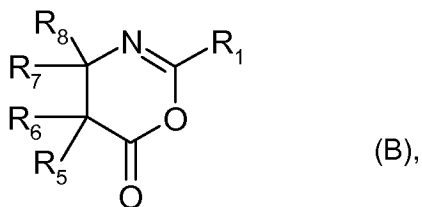
R_5 is hydrogen, C_1 - C_6 alkyl or halo- C_1 - C_6 alkyl; or forms, taken together with R_8 or with a monovalent substituent attached to that atom of R_6 , via which atom R_6 is directly connected with the carbon atom, shown in the formula I, which carries R_5 , one additional bond;

R_6 and R_7 , taken together, form, together with the two carbon atoms, shown in the formula I, to which atoms they are attached, a bicyclic ring system, which ring system is carbocyclic or heterocyclic, which ring system is substituted, in the manner shown in the formula I, by the four substituents -N(R_2)-C(=Z₁)- R_1 , -C(=Z₂)-N(R_3)- R_4 , R_5 and R_8 , and which ring system is optionally further substituted;

and R₈ is hydrogen; or a C₁-C₆alkyl group; or forms, taken together with R₅ or with a monovalent substituent attached to that atom of R₇, via which atom R₇ is directly connected with the carbon atom, shown in the formula I, which carries R₈, one additional bond, or, where appropriate, a tautomer thereof, in each case in free form or in salt form.

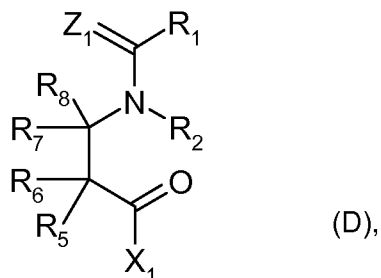
2. (Withdrawn) A compound according to claim 1 of the formula I, in which Z₁ is an oxygen atom, or, where appropriate, a tautomer thereof.
3. (Withdrawn) A compound according to claim 1 of the formula I, in which Z₂ is an oxygen atom, or, where appropriate, a tautomer thereof.
4. (Withdrawn) A compound according to claim 1 of the formula I, in which R₁ is a phenyl, pyridyl or pyrazolyl group, which is unsubstituted or substituted, or, where appropriate, a tautomer thereof.
5. (Withdrawn) A compound according to claim 4 of the formula I, in which R₁ is a pyrazol-5-yl group, which is substituted in the 3-position by halogen, halo-C₁-C₆alkyl or halo-C₁-C₆alkoxy and in the 1-position by a pyrid-2-yl group, which group is substituted in the 3-position by chlorine or bromine, or, where appropriate, a tautomer thereof.
6. (Withdrawn) A compound according to claim 1 of the formula I, in which R₂ is hydrogen or C₁-C₆alkyl, or, where appropriate, a tautomer thereof.
7. (Withdrawn) A compound according to claim 1 of the formula I, in which R₃ is hydrogen or C₁-C₆alkyl, or, where appropriate, a tautomer thereof.
8. (Withdrawn) A compound according to claim 1 of the formula I, in which R₄ is C₁-C₆alkyl, or, where appropriate, a tautomer thereof.
9. (Withdrawn) A compound according to claim 1 of the formula I, in which R₅ and R₈, taken together, are a bond, or, where appropriate, a tautomer thereof.

10. (Withdrawn) A compound according to claim 1 of the formula I, in which the two carbon atoms, shown in the formula I, to which atoms R_6 and R_7 are attached, are two ring members of an aromatic ring, or, where appropriate, a tautomer thereof.
11. (Withdrawn) A pesticidal composition, which comprises at least one compound according to claim 1 of the formula I or, where appropriate, a tautomer thereof, in each case in free form or in agrochemically utilizable salt form, as active ingredient and at least one auxiliary.
12. (Withdrawn) A composition according to claim 11 for controlling insects or representatives of the order Acarina.
13. (Withdrawn) A method for controlling pests, which comprises applying a composition according to claim 11 to the pests or their environment.
14. (Withdrawn) A method according to claim 13 for controlling insects or representatives of the order Acarina.
15. (Withdrawn) A method according to claim 13 for the protection of plant propagation material from the attack by pests, which comprises treating the propagation material or the site, where the propagation material is planted.
16. (Withdrawn) Plant propagation material treated in accordance with the method described in claim 15.
17. (Withdrawn) A compound of the formula B



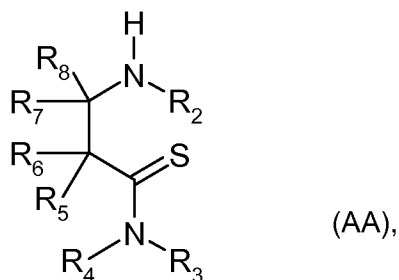
in which R_1 , R_5 , R_6 , R_7 and R_8 have the meanings given in claim 1 for the formula I, or, where appropriate, a tautomer thereof, in each case in free form or in salt form.

18. (Withdrawn) A compound of the formula D



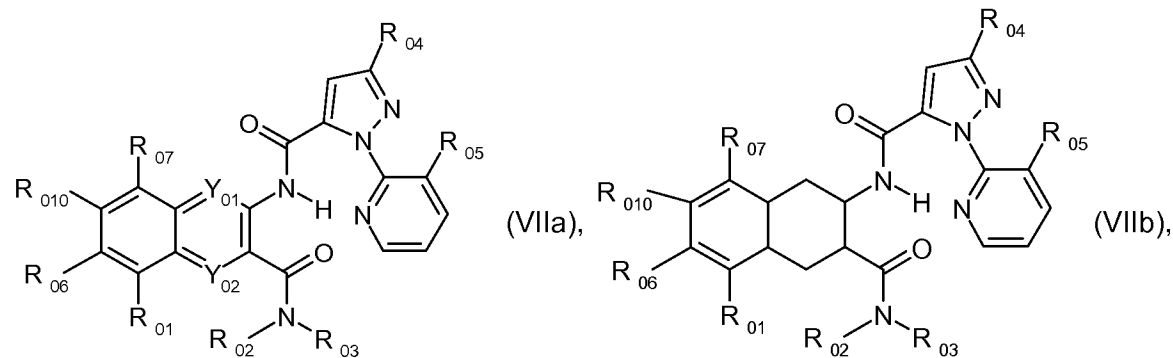
in which Z₁, R₁, R₂, R₅, R₆, R₇ and R₈ have the meanings given in claim 1 for the formula I; and R is OH, C₁-C₄alkoxy or Cl, or, where appropriate, a tautomer thereof, in each case in free form or in salt form.

19. (Withdrawn) A compound of the formula AA



in which R₂, R₃, R₄, R₅, R₆, R₇ and R₈ have the meanings given in claim 1 for the formula I, or, where appropriate, a tautomer thereof, in each case in free form or in salt form.

20. (Currently Amended) ~~A Compound~~ A compound of either formulae VIIa and VIIb



wherein

R₀₁ is hydrogen[[:]], amino, or nitro;

R₀₂ is hydrogen or C₁-C₄alkyl;

R₀₃ is C₁-C₄alkyl, C₁-C₄alkyl mono- or disubstituted by cyano, COOH, nitro, C₁-C₄alkoxy or cyclopropyl; C₂-C₈alkenyl[[,]]; C₂-C₈alkenyl substituted by halogen; C₁-C₄alkoxy[[,]]; C₃-C₆-alkynylalkynyl[[,]]; cyclopropyl[[,]]; cyclobutyl[[,]]; cyclopentyl[[,]]; cyclohexyl[[,]]; cyclopropyl substituted by C₁-C₄alkyl, pyridyl, phenyl-C₂-C₆alkenyl or cyclopropyl; cyclobutyl substituted by C₁-C₄alkyl; cyclopentylthio-C₁-C₄alkyl[[,]]; benzyloxy[[,]]; benzyloxy substituted by halogen; benzylthio-C₁-C₄alkyl, wherein the benzyl group may itself be substituted by C₁-C₄alkyl; thiophenyl substituted by halophenyl; phenoxy-C₁-C₄alkyl, wherein the phenyl group may be mono- or disubstituted by halogen; phenyl-C₁-C₄alkyl, wherein the phenyl group may itself be mono- or disubstituted by substituents selected from halogen, nitro, benzothiazol-2-yloxy, C₁-C₄haloalkyl, C₁-C₄alkoxy and C₁-C₄alkyl; 3,4-dihydro-2H-benzo[b][1,4]dioxepinyl[[,]]; 1,2,3,4-tetrahydro-naphthalenyl substituted by C₁-C₄alkoxy; C₂-C₆alkenyloxy[[,]]; isoxazolyl substituted by C₁-C₄alkyl; thiazolyl, C₁-C₄alkoxycarbonyl-C₁-C₄alkyl[[,]]; phenyl substituted by hydroxy, halophenyloxy, C₁-C₄alkyl-silyl(C₁-C₄-alkyl)₃ or C₂-C₆-alkynylalkynyl; pyridyl substituted by C₁-C₄alkoxy; C₁-C₆alkylthio-C₁-C₄alkyl[[,]]; C₂-C₆alkenylthio-C₁-C₄alkyl[[,]]; C₃-C₆alkinylthio-C₁-C₄alkyl[[,]]; dioxolan-2-yl-C₁-C₄alkyl[[,]]; (C₁-C₄alkyl-dioxolan-2-yl)-C₁-C₄alkyl[[,]]; triazolyl-C₁-C₄alkyl[[,]]; thienyl-C₁-C₄alkyl[[,]]; morpholinyl-C₁-C₄alkyl[[,]]; C₁-C₄alkylthio-C₁-C₄alkyl[[,]]; 2,3-dihydro-1H-isindolyl[[,]]; halo-substituted-thiazolyl-C₁-C₄alkyl[[,]]; C₁-C₄alkylsulfonyl-C₁-C₄alkyl; or quinolylthio-C₁-C₄alkyl, wherein the quinoline group may be substituted by C₁-C₄haloalkyl;

R₀₄ is C₁-C₄haloalkyl;

R₀₅ is halogen;

each of R₀₆ and R₀₁₀, which may be the same or different, represents hydrogen, C₁-C₆alkyl, C₁-C₆alkoxycarbonyloxy, C₁-C₆alkylcarbonylamino, hydroxy, cyano, halogen or C₁-C₆alkoxyalkoxy;

R₀₇ is hydrogen, nitro or halogen;

Y₀₁ is C(R₀₈), sulfur, nitrogen or a chemical bond;

R₀₈ is hydrogen, halogen, C₁-C₄alkyl or nitro;

Y₀₂ is C(R₀₉), a chemical bond, or is nitrogen or sulfur; and R₀₉ is hydrogen, phenyl, phenyl substituted by halogen, or halogen.